

## Punti chiave

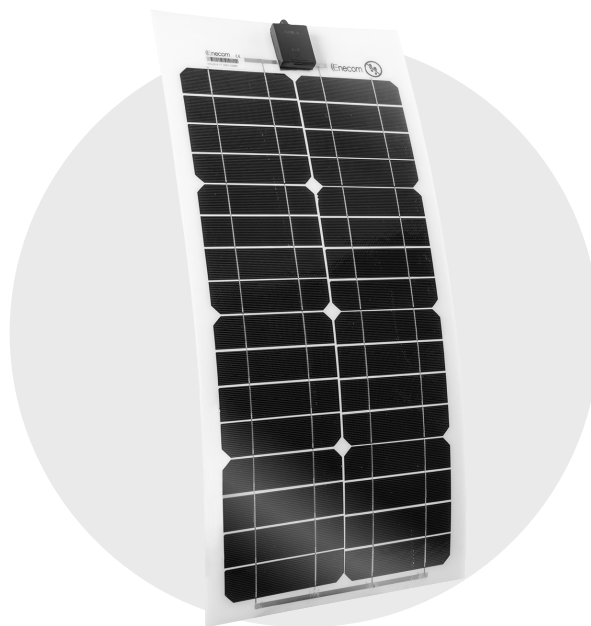
Key elements

|                                                                                   |                                                                                            |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | Potenza di picco, P <sub>max</sub> (Wp)<br>Peak power, P <sub>max</sub> (Wp)<br><b>22W</b> |
|  | Ultra sottile<br>Ultrathin<br><b>1,7mm</b>                                                 |
|  | Super leggero<br>Ultralight<br><b>0,5kg</b>                                                |
|  | Minimo ingombro<br>Minimum size<br><b>0,18m<sup>2</sup></b>                                |

## Applicazioni

Applications

- . Nautica  
. Boating
- . Smart cities  
. Smart cities



## Specifiche tecniche

Technical details

|                                                     |                                                    |                                      |
|-----------------------------------------------------|----------------------------------------------------|--------------------------------------|
| <i>It</i>                                           | <i>En</i>                                          |                                      |
| Tolleranza (%)                                      | Tolerance (%)                                      | up to 5% only positive               |
| Tensione a circuito aperto, Voc (V)                 | Open circuit Voltage, Voc (V)                      | 20,2                                 |
| Corrente di corto circuito, I <sub>sc</sub> (A)     | Short- circuit current, I <sub>sc</sub> (A)        | 1,40                                 |
| Tensione a P <sub>max</sub> , V <sub>mp</sub> (V)   | Voltage at P <sub>max</sub> (V <sub>mp</sub> ) (V) | 17,0                                 |
| Corrente a P <sub>max</sub> , I <sub>mp</sub> (A)   | Current at P <sub>max</sub> , I <sub>mp</sub> (A)  | 1,3                                  |
| Coefficiente di temp. di I <sub>sc</sub> , α (%/°C) | I <sub>sc</sub> Temperature coefficient α (%/°C)   | 0,05                                 |
| Coefficiente di temp. di Voc, β (%/°C)              | Voc, Temperature coefficient β (%/°C)              | -0,31                                |
| Coefficiente di temp. P <sub>max</sub> (%/°C)       | P <sub>max</sub> Temperature coefficient (%/°C)    | -0,41                                |
| Fattore di riempimento (FF) (%)                     | Fill factor (FF) (%)                               | 78,0                                 |
| Temperatura di funzionamento (°C)                   | Working temperature (°C)                           | da -40 a +80                         |
| NOCT (°C)                                           | NOCT (°C)                                          | 47,5                                 |
| Materiale del modulo                                | PV panel material                                  | UVA resistant Plastic Polimer        |
| Dimensioni (bxh) (m)                                | Size (bxh) (m)                                     | 0,292 x 0,620                        |
| Spessore (mm)                                       | Thickness (mm)                                     | 1,7                                  |
| Peso (kg)                                           | Weight (kg)                                        | 0,5                                  |
| Tensione massima di sistema (V)                     | Max system Voltage (V)                             | 600                                  |
| Celle fotovoltaiche                                 | Photovoltaic cells                                 | n.8 mono Si 125x125 2BB, cut 1/4     |
| Terminali di uscita                                 | Output terminal                                    | Cables with cigarette lighter socket |
| Diodo di bypass (A)                                 | Bypass Diode (A)                                   | No                                   |